

## **FREQUENCY GENERATION IN A WIRELESS COMMUNICATION SYSTEM**

### **Abstract of the Disclosure**

A communication system extracts a received modulation frequency from baseband modulation. This frequency is used as a reference to control the output of a variable oscillator. The output of the variable oscillator may be used to generate a transmit upconversion frequency, and may also be used to perform a downconversion from IF to baseband during receive operations.

S:\DOCS\GAH\GAH-2312.DOC  
122903